

Study Guide for Ecosystems Test: Due October 10th

Vocabulary (define each term):

Abiotic:

Acid Rain:

Biotic:

Commensalism:

Consumer:

Decomposer:

Ecosystem:

Impervious:

Mutualism:

Non Point Source Pollution:

Parasitism:

Pervious:

Point Source Pollution:

Producer:

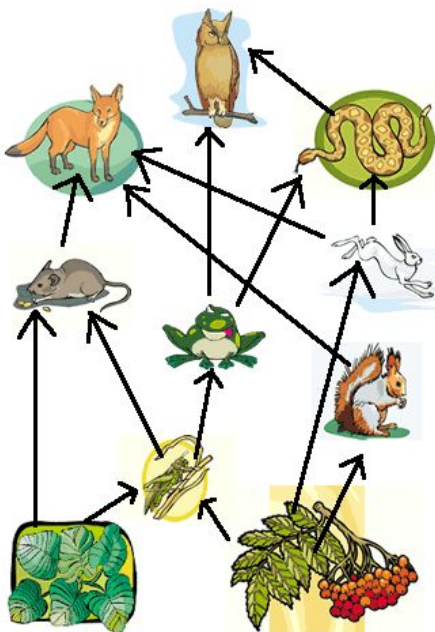
Runoff:

Sediment:

Watershed:

Practice Questions (answer in complete sentences):

1. Use the food web to answer the four questions below:



1. In the food web, what eats the snake?
2. In the food web, what is eaten by the mouse?
3. In the food web, what eats the owl?
4. In the food web, what eats the frog?

2. Why is it good to plant more trees and bushes along the banks of a river?
3. Why is it a problem to have too much impervious surface in an ecosystem?
4. How does an algae bloom form and why is it a problem?
5. How is sediment a problem in the water?
6. How does non-point source pollution (like fertilizer and litter) end up in the Chesapeake Bay?

7. Why is acid rain a problem in an ecosystem?
8. Why is it a problem to not have enough dissolved oxygen in the water?
9. What would happen in an ecosystem if all the primary consumers (herbivores) died out?

Be Ready To:

- Read and understand a food web diagram
- Identify biotic and abiotic parts of an ecosystem
- Identify relationships as mutualism, commensalism, or parasitism
- Identify surfaces as pervious or impervious
- Name sources of pollution (point and non-point source)